

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/970,616

CRF Processing Date: 11/31/2002

Edited by: A

Verified by: A (STIC staff)

ENTERED

01/26 0590
0731

#6

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☒ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☒ Inserted colons after headings/subheadings. Headings edited included: CITY; STATE
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____



OIPE

RAW SEQUENCE LISTING DATE: 01/31/2002
 PATENT APPLICATION: US/09/970,616 TIME: 20:30:35

Input Set : A:\PTO.AMC.txt
 Output Set: N:\CRF3\01312002\I970616.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:
 6 (i) APPLICANT: SOUPPE, Jerome
 7 BEUDEKER, Robert Franciscus
 9 (ii) TITLE OF INVENTION: PROCESS FOR THE PRODUCTION OF
 10 ALCOHOLIC BEVERAGES USING MALTSEED
 12 (iii) NUMBER OF SEQUENCES: 8
 14 (iv) CORRESPONDENCE ADDRESS:
 15 (A) ADDRESSEE: LADAS & PARRY
 16 (B) STREET: 26 WEST 61 STREET
 17 (C) CITY: NEW YORK
 18 (D) STATE: NY
 19 (E) COUNTRY: USA
 20 (F) ZIP: 10023
 22 (v) COMPUTER READABLE FORM:
 23 (A) MEDIUM TYPE: Floppy disk
 24 (B) COMPUTER: IBM PC compatible
 25 (C) OPERATING SYSTEM: Microsoft Windows for Workgroups
 26 (D) SOFTWARE: WordPerect 8
 28 (vi) CURRENT APPLICATION DATA:
 C--> 29 (A) APPLICATION NUMBER: US/09/970,616
 C--> 30 (B) FILING DATE: 04-Oct-2001
 31 (C) CLASSIFICATION: 435
 C--> 41 (vii) PRIOR APPLICATION DATA:
 34 (A) APPLICATION NUMBER: 09/230,590
 35 (B) FILING DATE: 28-APR-1999
 38 (A) APPLICATION NUMBER: PCT/EP97/04016
 39 (B) FILING DATE: 23-JUL-1997
 42 (A) APPLICATION NUMBER: EP 96202195.2
 43 (B) FILING DATE: 05-AUG-1996
 45 (viii) ATTORNEY/AGENT INFORMATION:
 46 (A) NAME: MASS, CLIFFORD J.
 C--> 47 (B) REGISTRATION NUMBER:
 48 (C) REF./DOCKET NO.: U-012094-9
 50 (ix) TELECOMMUNICATION INFORMATION:
 C--> 53 (A) TELEPHONE: 233288
 55 (2) INFORMATION FOR SEQ ID NO: 1:
 57 (i) SEQUENCE CHARACTERISTICS:
 58 (A) LENGTH: 557 base pairs
 59 (B) TYPE: nucleic acid
 60 (C) STRANDEDNESS: double
 61 (D) TOPOLOGY: linear
 63 (ii) MOLECULE TYPE: cDNA

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65      (iii) HYPOTHETICAL: NO
C--> 67      (iv) ANTI-SENSE: NO
69      (ix) FEATURE:
70          (A) NAME/KEY: CDS
71          (B) LOCATION: 1..555
72          (D) OTHER INFORMATION: /product= "mature protein"
74      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
76 ATG AGC GCG GGA ATC AAC TAC GTC CAG AAC TAC AAT GGC AAC CTC GGC      48
77 Met Ser Ala Gly Ile Asn Tyr Val Gln Asn Tyr Asn Gly Asn Leu Gly
78   1           5           10           15
80 GAC TTT ACT TAC GAC GAG TCA GCG GGA ACT TTC AGC ATG TAT TGG GAG      96
81 Asp Phe Thr Tyr Asp Glu Ser Ala Gly Thr Phe Ser Met Tyr Trp Glu
82           20           25           30
84 GAT GGC GTG TCC TCA GAC TTC GTC GTG GGA CTG GGC TGG ACC ACT GGA      144
85 Asp Gly Val Ser Ser Asp Phe Val Val Gly Leu Gly Trp Thr Thr Gly
86           35           40           45
88 TCA TCC AAT GCG ATC ACC TAC AGC GCC GAG TAC TCC GCG TCA GGA TCA      192
89 Ser Ser Asn Ala Ile Thr Tyr Ser Ala Glu Tyr Ser Ala Ser Gly Ser
90           50           55           60
92 GCC TCC TAT CTG GCC GTG TAC GGA TGG GTG AAC TAC CCG CAG GCC GAG      240
93 Ala Ser Tyr Leu Ala Val Tyr Gly Trp Val Asn Tyr Pro Gln Ala Glu
94   65           70           75           80
96 TAC TAC ATC GTG GAG GAT TAC GGA GAT TAC AAC CCA TGC AGC TCA GCG      288
97 Tyr Tyr Ile Val Glu Asp Tyr Gly Asp Tyr Asn Pro Cys Ser Ser Ala
98           85           90           95
100 ACC TCC CTC GGA ACT GTG TAC AGC GAC GGC TCC ACC TAC CAG GTC TGC      336
101 Thr Ser Leu Gly Thr Val Tyr Ser Asp Gly Ser Thr Tyr Gln Val Cys
102           100           105           110
104 ACC GAC ACC CGC ACT AAC GAG CCG TCA ATC ACC GGC ACT TCC ACC TTC      384
105 Thr Asp Thr Arg Thr Asn Glu Pro Ser Ile Thr Gly Thr Ser Thr Phe
106           115           120           125
109 ACC CAG TAC TTC AGC GTG CGC GAG TCC ACT CGC ACC TCA GGA ACC GTG      432
110 Thr Gln Tyr Phe Ser Val Arg Glu Ser Thr Arg Thr Ser Gly Thr Val
111           130           135           140
113 ACC GTC GCG AAC CAC TTC AAC TTC TGG GCG CAG CAC GGA TTC GGC AAC      480
114 Thr Val Ala Asn His Phe Asn Phe Trp Ala Gln His Gly Phe Gly Asn
115 145           150           155           160
117 AGC GAC TTT AAC TAC CAG GTG GTC GCA GTG GAG GCA TGG TCA GGA GCG      528
118 Ser Asp Phe Asn Tyr Gln Val Val Ala Val Glu Ala Trp Ser Gly Ala
119           165           170           175
121 GGC TCA GCG TCC GTC ACT ATC AGC TCC TG      557
122 Gly Ser Ala Ser Val Thr Ile Ser Ser
123           180           185
126 (2) INFORMATION FOR SEQ ID NO: 2:
128      (i) SEQUENCE CHARACTERISTICS:
129          (A) LENGTH: 185 amino acids
130          (B) TYPE: amino acid
131          (D) TOPOLOGY: linear
133      (ii) MOLECULE TYPE: protein

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135 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

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137 Met Ser Ala Gly Ile Asn Tyr Val Gln Asn Tyr Asn Gly Asn Leu Gly
138 1 5 10 15
140 Asp Phe Thr Tyr Asp Glu Ser Ala Gly Thr Phe Ser Met Tyr Trp Glu
141 20 25 30
143 Asp Gly Val Ser Ser Asp Phe Val Val Gly Leu Gly Trp Thr Thr Gly
144 35 40 45
146 Ser Ser Asn Ala Ile Thr Tyr Ser Ala Glu Tyr Ser Ala Ser Gly Ser
147 50 55 60
149 Ala Ser Tyr Leu Ala Val Tyr Gly Trp Val Asn Tyr Pro Gln Ala Glu
150 65 70 75 80
152 Tyr Tyr Ile Val Glu Asp Tyr Gly Asp Tyr Asn Pro Cys Ser Ser Ala
153 85 90 95
155 Thr Ser Leu Gly Thr Val Tyr Ser Asp Gly Ser Thr Tyr Gln Val Cys
156 100 105 110
158 Thr Asp Thr Arg Thr Asn Glu Pro Ser Ile Thr Gly Thr Ser Thr Phe
159 115 120 125
161 Thr Gln Tyr Phe Ser Val Arg Glu Ser Thr Arg Thr Ser Gly Thr Val
162 130 135 140
164 Thr Val Ala Asn His Phe Asn Phe Trp Ala Gln His Gly Phe Gly Asn
165 145 150 155 160
167 Ser Asp Phe Asn Tyr Gln Val Val Ala Val Glu Ala Trp Ser Gly Ala
168 165 170 175
170 Gly Ser Ala Ser Val Thr Ile Ser Ser
171 180 185

```

174 (2) INFORMATION FOR SEQ ID NO: 3:

176 (i) SEQUENCE CHARACTERISTICS:

177 (A) LENGTH: 71 base pairs

178 (B) TYPE: nucleic acid

179 (C) STRANDEDNESS: single

180 (D) TOPOLOGY: linear

182 (ii) MOLECULE TYPE: cDNA

184 (iii) HYPOTHETICAL: NO

C--> 186 (iv) ANTI-SENSE: NO

188 (vi) ORIGINAL SOURCE:

189 (A) ORGANISM: Nicotiana tabacum

191 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

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193 AACTTCCTCA AGAGCTTCCC CTTTATGCC TTCCTTTGTT TTGGCCAATA CTTTGTAGCT
195 GTTACGCATG C

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60

71

198 (2) INFORMATION FOR SEQ ID NO: 4:

200 (i) SEQUENCE CHARACTERISTICS:

201 (A) LENGTH: 80 base pairs

202 (B) TYPE: nucleic acid

203 (C) STRANDEDNESS: single

204 (D) TOPOLOGY: linear

206 (ii) MOLECULE TYPE: cDNA

208 (iii) HYPOTHETICAL: NO

C--> 210 (iv) ANTI-SENSE: YES

212 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

RAW SEQUENCE LISTING

DATE: 01/31/2002

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TIME: 20:30:35

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01312002\I970616.raw

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214 CCATGGCATG CGTAACAGCT ACAAAGTATT GGCCAAAACA AAGGAAGGCA TAAAAGGGGA      60
216 AGCTCTTGAG GAAGTTCATG      80
219 (2) INFORMATION FOR SEQ ID NO: 5:
221     (i) SEQUENCE CHARACTERISTICS:
222         (A) LENGTH: 21 base pairs
223         (B) TYPE: nucleic acid
224         (C) STRANDEDNESS: single
225         (D) TOPOLOGY: linear
227     (ii) MOLECULE TYPE: cDNA
229     (iii) HYPOTHETICAL: NO
C--> 231     (iv) ANTI-SENSE: NO
233     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
235 ATGGATGGCA TGCTGTTGTA G      21
238 (2) INFORMATION FOR SEQ ID NO: 6:
240     (i) SEQUENCE CHARACTERISTICS:
241         (A) LENGTH: 21 base pairs
242         (B) TYPE: nucleic acid
243         (C) STRANDEDNESS: single
244         (D) TOPOLOGY: linear
246     (ii) MOLECULE TYPE: cDNA
248     (iii) HYPOTHETICAL: NO
C--> 250     (iv) ANTI-SENSE: NO
252     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
254 GCACAATTCT CGAGGAGACC G      21
257 (2) INFORMATION FOR SEQ ID NO: 7:
259     (i) SEQUENCE CHARACTERISTICS:
260         (A) LENGTH: 21 base pairs
261         (B) TYPE: nucleic acid
262         (C) STRANDEDNESS: single
263         (D) TOPOLOGY: linear
265     (ii) MOLECULE TYPE: cDNA
267     (iii) HYPOTHETICAL: NO
C--> 269     (iv) ANTI-SENSE: NO
271     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
273 CCTCTTAAGG ATCCAATGCG G      21
276 (2) INFORMATION FOR SEQ ID NO: 8:
278     (i) SEQUENCE CHARACTERISTICS:
279         (A) LENGTH: 21 base pairs
280         (B) TYPE: nucleic acid
281         (C) STRANDEDNESS: single
282         (D) TOPOLOGY: linear
284     (ii) MOLECULE TYPE: cDNA
286     (iii) HYPOTHETICAL: NO
C--> 288     (iv) ANTI-SENSE: NO
290     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
292 CTTATCTGAA TTCGGAAGCT C      21

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VERIFICATION SUMMARY

DATE: 01/31/2002

PATENT APPLICATION: US/09/970,616

TIME: 20:30:36

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01312002\I970616.raw

L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:33 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:41 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:47 M:220 C: Keyword misspelled or invalid format, [(B) REGISTRATION NUMBER:]
L:47 M:220 C: Keyword misspelled or invalid format, Poss data loss, (B) REGISTRATION NUMBER:
L:51 M:220 C: Keyword misspelled or invalid format, [(A) TELEPHONE:]
L:52 M:220 C: Keyword misspelled or invalid format, [(A) TELEPHONE:]
L:53 M:220 C: Keyword misspelled or invalid format, [(A) TELEPHONE:]
L:67 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:186 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:210 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:231 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:250 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:269 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:288 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]